105.13 - Lead in Paint, Dust, and Soil (powder and sheet forms)

These SRMs and RM have been developed in conjunction with the U.S. EPA to monitor paint, soil, and dust sources of lead. SRMs 2570 through 2576 consist of one Mylar™ sheet per unit. Each sheet, 7.6cm × 10.2cm, is coated with a single uniform paint layer for use with portable x-ray fluorescence analyzers. SRM 2579a consists of a set of six Mylarä sheets, one each of SRMs 2570 through 2575. SRMs 2580, 2581, 2582, and 2589 consist of paint that has been ground and homogenized into a powder, 99+% of which passes a 100mm sieve. SRM 2583 and SRM 2584 consist of dust, 99+% of which passes a 100mm sieve, that was collected in vacuum cleaner bags during cleaning of dwelling interiors. SRM 2583 and SRM 2584 are certified for arsenic, chromium, cadmium, lead, and mercury. [Also see Category 106.] SRMs 2584, 2586, and 2587 are dust or soil matrices containing lead from paint. RM 8680 consists of a 10.2cm wide × 15.2cm long × 1.3cm thick section of painted fiberboard and is intended for use in the evaluation of destructive and nondestructive methods of measuring lead in paint on fiberboard.

For organic contaminants in indoor dust see SRM 2585. See Table 109.1.

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PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	2570	2571	2572	2573	2574	2575	2576	2579a	2580	2581	2582	2583	2584	2586	2587	2589	2783
Description	**Lead Paint Film, White/Blank Nominal**	**Lead Paint Film (Yellow), Nominal 3.5 mg/cm2**	**Lead Paint Film (Orange), Nominal 1.6 mg/cm2**	**Lead Paint Film (Red), Nominal 1.0 mg/cm2**	**Lead Paint Film (Gold), Nominal 0.7 mg/cm2**	**Lead Paint Film (Green), Nominal 0.3 mg/cm2**	**Lead Paint Film, High Level**	**Lead Paint Films for Portable XRF Analyzers**	**Powdered Paint Nominal 4% Lead**	**Powdered Paint Nominal 0.5 % Lead**	**Powdered Paint Nominal 200mg/kg Lead**	**Trace Elements in Indoor Dust**	**Trace Elements in Indoor Dust**	**Trace Elements in Soil (contains lead from paint)**	**Trace Elements in Soil (contains lead from paint)**	**Powdered Paint Nominal 10% Lead**	**Air Particulate on Filter Media**
Unit Size	**(1 film)**	**(1 +blank)**	**(1 +blank)**	**(1 +blank)**	**(1 +blank)**	**(1 +blank)**	**(1 +blank)**	**(set (6))**	**(30 g)**	**(35 g)**	**(20 g)**	**(8 g)**	**(8 g)**	**(55 g)**	**(55 g)**	**(35 g)**	**(2 +2 Blnk)**
Lead Concentration	<0.001 mg/cm2	3.58 mg/cm^2	1.527 mg/cm^2	1.040 mg/cm^2	0.714 mg/cm^2	0.307 mg/cm^2	5.59 mg/cm^2	0.307 to 3.58 mg/cm^2	4.34 %	0.449 %	208.8 mg/kg	85.9 mg/kg	9761 mg/kg	432 mg/kg	3242 mg/kg	9.99 %	18 elements certified 9 reference values

105.13 - Lead in Paint, Dust, and Soil (powder and sheet forms)

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For organic contaminants in indoor dust see SRM 2585. See Table 109.1.

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8680

Paint on Fiberboard

(each)

individually value assigned